3/19/84
A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 **For Week Ended** March 9, 1984 **NO.** 10

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/09/84	Last Week Ending: 03/02/84	Last Year Week Ending: 03/11/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,223	12,246	11,190	-23	1,033
Operable capacity	16,309	16,309	16,814	0	-505
Percent operated	74.9	75.1	66.6		
Motor Gasoline					
Total motor gasoline production	6,186	6,187	5,891	-1	295
Finished leaded motor gasoline production	2,509	2,619	2,674	-110	-165
Finished unleaded motor gasoline production	3,677	3,568	3,217	109	460
Total motor gasoline stocks	237,466	235,579	249,445	1,887	-11,979
Finished leaded motor gasoline stocks	96,949	96,841	101,359	108	-4,410
Finished unleaded motor gasoline stocks	99,491	97,284	100,608	2,207	-1,117
Distillate Fuel Oil					
Distillate fuel oil production	2,600	2,510	2,059	90	541
Distillate fuel oil stocks	126,688	129,550	144,497	-2,862	-17,809
Residual Fuel Oil					
Residual fuel oil production	948	1,081	871	-133	77
Residual fuel oil stocks	51,735	52,382	55,348	-647	-3,613
Imports					
Crude oil imports	3,757	2,737	1,722	1,020	2,035
Product imports	1,589	2,232	1,550	-643	39
Crude Oil Stocks					
Crude oil stocks	330,408	337,356	359,480	-6,948	-29,072

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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STATISTICS DEPARTMENT
VOL. 65 For Week Ended March 9, 1984 NO. 10

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,071	985	1,019	1,229	82.9
Appal. No. 1	76	75	75	177	42.4
DISTRICT 1 TOTAL	1,147	1,060	1,094	1,406	77.8
Appal. No. 2	65	58	58	66	87.9
Ind., Ill., Ky.	1,930	1,882	1,888	2,345	80.5
Minn., Wis., Daks.	294	276	289	296	97.6
Okla., Kans., Mo.	618	549	555	827	67.1
DISTRICT 2 TOTAL	2,907	2,765	2,790	3,534	78.9
Inland Texas	562	501	520	585	88.9
Texas Gulf Coast	3,110*	2,791*	2,901*	3,907	74.3*
La. Gulf Coast	2,323	2,063	2,084	2,890	72.1
N. La. and Ark.	190	170	173	286	60.5
New Mexico	105	87	91	105	86.7
DISTRICT 3 TOTAL	6,290*	5,612*	5,769*	7,773	74.2*
DISTRICT 4 TOTAL	412	407	412	536	76.9
DISTRICT 5 TOTAL	2,234	2,147	2,158	3,060	70.5
TOTAL U.S.	12,990	11,991	12,223	16,309	74.9
TOTAL U.S.					
Weeks Ended:					
MAR. 2, 1984	12,948*	11,979*	12,246*	16,309	75.1*
MAR. 11, 1983	11,984	10,803	11,190	16,814	66.6
DISTRICTS 1-4					
Weeks Ended:					
MAR. 09, 1984	10,756	9,844	10,065	13,249	76.0
MAR. 2, 1984	10,655*	9,809*	10,049*	13,249	75.8*
MAR. 11, 1983	10,041	8,943	9,277	13,731	67.6

* See revisions on page 8

API WEEKLY STATISTICAL BULLETIN
Week Ended March 9, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	543	153	390	28	31	257	118
Appal. No. 1	29	15	14	--	--	22	5
DISTRICT 1 TOTAL	572	168	404	28	31	279	123
Appal. No. 2	39	15	24	3	--	14	4
Ind., Ill., Ky.	1,152	471	681	14	71	380	60
Minn., Wis., Daks.	171	88	83	2	20	68	7
Okla., Kans., Mo.	392	187	205	14	10	133	11
DISTRICT 2 TOTAL	1,754	761	993	33	101	595	82
Inland Texas	282	133	149	25	30	110	19
Texas Gulf Coast	1,212*	479	733*	19	181	603*	276*
La. Gulf Coast	1,090	409	681	24	262	417	88
N. La. and Ark.	62	24	38	5	--	50	10
New Mexico	46	30	16	12	1	30	2
DISTRICT 3 TOTAL	2,692*	1,075	1,617*	85	474	1,210*	395*
DISTRICT 4 TOTAL	191	124	67	17	26	102	13
DISTRICT 5 TOTAL	977	381	596	53	227	414	335
TOTAL U.S.	6,186	2,509	3,677	216	859	2,600	948
TOTAL U.S. Weeks Ended:							
MAR. 2, 1984	6,187*	2,619	3,568*	201	900	2,510*	1,081*
MAR. 11, 1983	5,891	2,674	3,217	188	834	2,059	871
DISTRICTS 1-4 Weeks Ended:							
MAR. 09, 1984	5,209	2,128	3,081	163	632	2,186	613
MAR. 2, 1984	5,241*	2,227	3,014*	167	666	2,149*	649*
MAR. 11, 1983	4,946	2,255	2,691	152	602	1,780	589

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

* See revisions on page 8

API WEEKLY STATISTICAL BULLETIN
Week Ended March 9, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,131	3,190	2,940	1	121	702	6,361*	2,398*	--
Central Atlantic	32,865	13,390	15,583	3,892	447	4,177	28,810	18,871	12,067
Lower Atlantic	26,339	13,173	12,759	407	285	4,495	13,443	4,098	514
DISTRICT 1 TOTAL	65,335	29,753	31,282	4,300	853	9,374	48,614*	25,367*	12,581
DISTRICT 2 TOTAL	69,319	30,982	29,644	8,693	1,224	7,584	36,312	4,173	16,436
DISTRICT 3 TOTAL	66,049	23,282	25,380	17,387	2,000	10,237	27,731	12,515	49,605*
DISTRICT 4 TOTAL	8,613	3,988	2,264	2,361	296	666	3,304	377	2,535
DISTRICT 5 TOTAL	28,150	8,944	10,921	8,285	1,617	5,670	10,727	9,303	26,736
TOTAL U.S.	237,466	96,949	99,491	41,026	5,990	33,531	126,688	51,735	107,893
TOTAL U.S.									
Weeks Ended:									
MAR. 2, 1984	235,579	96,841	97,284	41,454	6,242	33,179	129,550*	52,382*	105,970*
MAR. 11, 1983	249,445	101,359	100,608	47,478	7,558	34,352	144,497	55,348	110,142
DISTRICTS 1-4									
Weeks Ended:									
MAR. 09, 1984	209,316	88,005	88,570	32,741	4,373	27,861	115,961	42,432	81,157
MAR. 2, 1984	206,982	87,561	86,601	32,820	4,799	27,352	119,279*	43,686*	79,998*
MAR. 11, 1983	219,443	91,652	90,248	37,543	5,513	27,959	131,464	46,068	81,646

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

NA-Not Available

* See revisions on page 8

WEEKLY STATISTICAL BULLETIN
Week Ended March 9, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Oct. 1983	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 09, 1984	5,813.3	5,876.0	3,604	373	250,309
MAR. 2, 1984	5,791.8*	--	2,637	154	252,101*
FEB. 24, 1984	5,791.8*	--	3,131	249	255,300
FEB. 17, 1984	5,791.8*	--	3,238	190	255,934
DISTRICT 5 TOTAL					
MAR. 09, 1984	2,849.3	2,853.0	153	20	80,099 ‡
MAR. 2, 1984	2,870.1*	--	100	--	85,255
FEB. 24, 1984	2,870.1*	--	207	25	80,560
FEB. 17, 1984	2,870.1*	--	225	--	85,277
TOTAL U.S.					
MAR. 09, 1984	8,662.6	8,729.0	3,757	393	330,408 ‡
MAR. 2, 1984	8,661.9*	--	2,737	154	337,356*
FEB. 24, 1984	8,661.9*	--	3,338	274	335,860
FEB. 17, 1984	8,661.9*	--	3,463	190	341,211
MAR. 11, 1983	8,665.0/a	--	1,722	230	359,480

‡INCLUDES ~~24,576~~ BBLS. OF ALASKAN ~~CRUDE~~ OIL IN TRANSIT BY WATER.

/a DOE actual for March 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAR. 09, 1984	15,553	74,255	146,052	14,449	250,309	80,099 ‡	330,408 ‡
MAR. 2, 1984	15,094	74,666	147,546*	14,795	252,101*	85,255	337,356*
MAR. 11, 1983	16,270	82,364	158,672	15,858	273,164	86,316	359,480

[1]See definitional notes, Page 6.

* See revisions on page 8

API WEEKLY STATISTICAL BULLETIN
Week Ended March 9, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	--	--	--	--	--
Central Atlantic	123	26	97	--	39	139	360	21	98	187	967
Lower Atlantic	57	22	35	--	--	--	85	--	--	--	142
DISTRICT 1 TOTAL											
MAR. 09, 1984	180	48	132	--	39	139	445	21	98	187	1,109
MAR. 2, 1984	226	41	185	--	61	388	755	8	107	83	1,628
FEB. 24, 1984	361	102	259	39	66	536	857	11	37	121	2,028
FEB. 17, 1984	215	19	196	--	43	414	874	19	42	41	1,648
DISTRICTS 2-4 TOTAL											
MAR. 09, 1984	8	2	6	--	--	12	44	109	96	159	428
MAR. 2, 1984	20	2	18	--	--	20	60	155	272	12	539
FEB. 24, 1984	41	23	18	--	--	20	60	195	127	57	500
FEB. 17, 1984	10	--	10	--	--	15	114	166	95	61	461
DISTRICT 5 TOTAL											
MAR. 09, 1984	14	4	10	--	3	3	20	5	--	7	52
MAR. 2, 1984	10	3	7	--	5	8	18	14	--	10	65
FEB. 24, 1984	9	2	7	--	4	8	17	20	--	12	70
FEB. 17, 1984	5	1	4	--	3	7	16	20	--	29	80
TOTAL U.S.	202	54	148	--	42	154	509	135	194	353	1,589
TOTAL U.S. Weeks Ended:											
MAR. 2, 1984	256	46	210	--	66	416	833	177	379	105	2,232
FEB. 24, 1984	411	127	284	39	70	564	934	226	164	190	2,598
FEB. 17, 1984	230	20	210	--	46	436	1,004	205	137	131	2,189
MAR. 11, 1983	189	129	60	3	14	82	640	258	189	175	1,550

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

	API Estimated Production		Dept. of Energy
	February 1984	January 1984	Oct. 1983
Florida	49.0	51.0	49.0
New York-Pennsylvania	14.0	14.0	14.0
Virginia	-	-	-
West Virginia	7.0	8.0	11.0
Illinois	79.0	80.0	82.0
Indiana	14.0	15.0	16.0
Kansas	195.0	196.0	195.0
Kentucky	22.0	22.0	21.0
Michigan	88.0	89.0	81.0
Missouri-Tennessee	4.0	4.0	3.0
Nebraska	17.0	18.0	18.0
Ohio	40.0	40.0	40.0
Oklahoma	432.0	434.0	429.0
North Dakota	136.0	138.5	140.0
South Dakota	3.3	3.3	3.0
Alabama	49.0	50.0	49.0
Arkansas	52.0	52.0	52.0
Mississippi	86.0	87.0	88.0
New Mexico-So. East	191.0	191.0	192.0
New Mexico-Other	17.5	17.5	18.0
North Louisiana	94.0	94.0	93.0
South Louisiana	1,220.0	1,215.0	1,266.0
Total Louisiana	1,314.0	1,309.0	1,359.0
Texas			
District 1	65.0	65.0	68.0
District 2	108.0	106.0	112.0
District 3	350.0	354.0	333.0
District 4	73.0	73.0	77.0
District 5	22.0	23.0	26.0
District 6, East Texas Field	136.0	137.0	139.0
Other	111.0	110.0	115.0
District 7-B	87.0	88.0	94.0
District 7-C	90.0	90.0	93.0
District 8 and 8-A	1,233.0	1,235.0	1,241.0
District 9	101.0	100.0	107.0
District 10	54.0	54.0	58.0
Total Texas	2,430.0	2,435.0	2,463.0
Colorado	79.0	78.0	79.0
Montana	84.0	83.0	85.0
Utah	79.0	79.0	79.0
Wyoming	310.0	310.0	310.0
Total Dists. 1-4	5,791.8	5,804.3	5,876.0
Alaska	1,753.1	1,753.2	1,733.0
Arizona	1.0	1.0	1.0
California	1,114.0	1,115.0	1,115.0
Nevada	2.0	2.0	4.0
Total Dist. 5	2,870.1	2,871.2	2,853.0
Total U.S.	8,661.9	8,675.5	8,729.0

REVISIONS

03/02/84	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,046
			DISTRICT 3 TOTAL	6,177
			TOTAL U.S.	12,948
			DISTRICTS 1-4	10,655
		CRUDE OIL RUNS	TEXAS GULF COAST	2,813
			DISTRICT 3 TOTAL	5,664
			TOTAL U.S.	11,979
			DISTRICTS 1-4	9,809
		INPUT TO CRUDE OIL	TEXAS GULF COAST	2,875
			DISTRICT 3 TOTAL	5,796
			TOTAL U.S.	12,246
			DISTRICTS 1-4	10,049
		% OPERABLE	TEXAS GULF COAST	73.6
			DISTRICT 3 TOTAL	74.6
			TOTAL U.S.	75.1
			DISTRICTS 1-4	75.8
	PAGE 2	TOTAL MGAS	TEXAS GULF COAST	1,396
			DISTRICT 3 TOTAL	2,898
			TOTAL U.S.	6,187
			DISTRICTS 1-4	5,241
			DISTRICT 3 TOTAL	1,682
			TOTAL U.S.	3,568
			DISTRICTS 1-4	3,014
		DISTILLATE FUEL	TEXAS GULF COAST	637
			ISTRICT 3 TOTAL	1,211
			TOTAL U.S.	2,510
			DISTRICTS 1-4	2,149
		RESIDUAL FUEL	TEXAS GULF COAST	328
			DISTRICT 3 TOTAL	450
			TOTAL U.S.	1,081
			DISTRICTS 1-4	649
	PAGE 3	DISTILLATE FUEL	NEW ENGLAND	7,205
			DISTRICT 1 TOTAL	51,374
			TOTAL U.S.	129,550
			DISTRICTS 1-4	119,279
		RESIDUAL FUEL	NEW ENGLAND	3,300
			DISTRICT 1 TOTAL	26,477
			TOTAL U.S.	52,382
			DISTRICTS 1-4	43,686
		UNFINISHED OILS	DISTRICT 3 TOTAL	48,940
			TOTAL U.S.	105,970
			DISTRICTS 1-4	79,998
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	252,101
			TOTAL U.S.	337,356

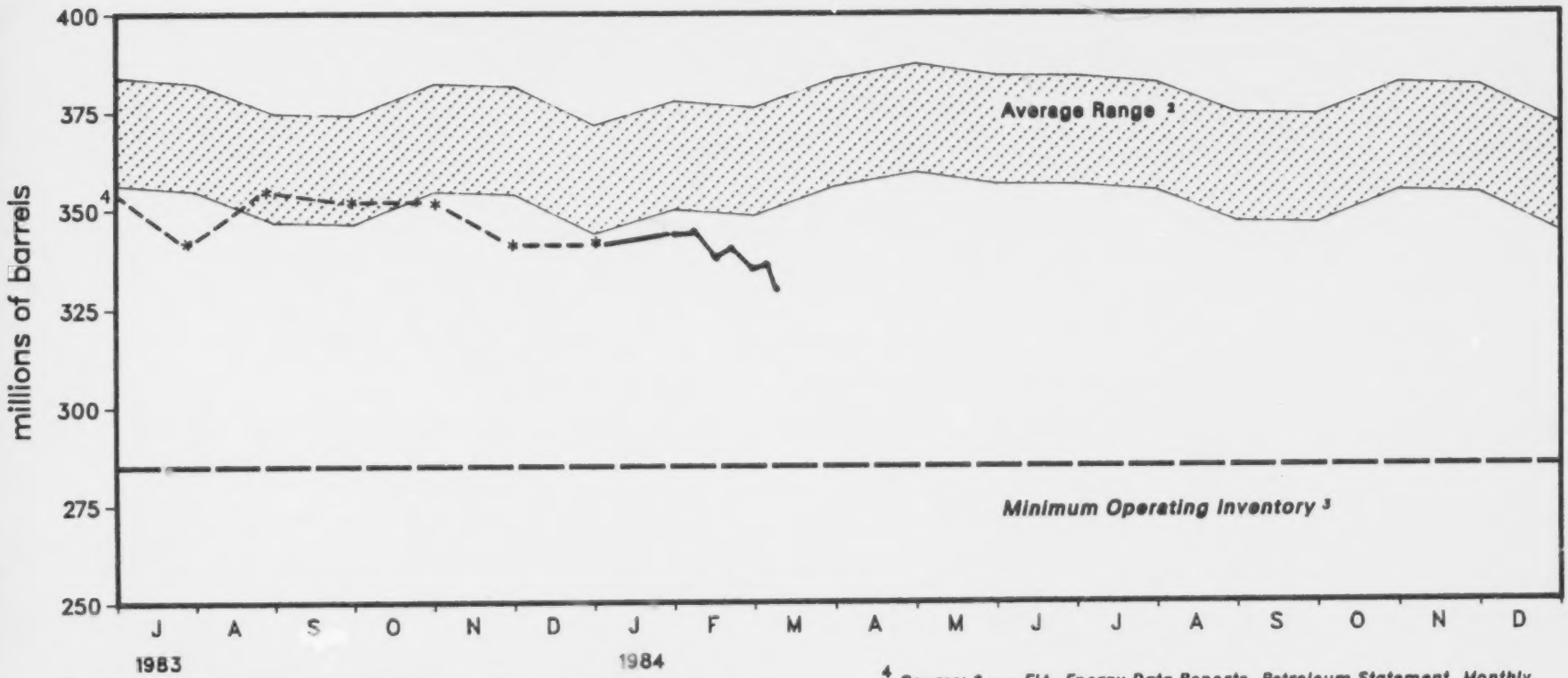
REVISIONS

PAGE 4 B TOTAL

PAD DISTRICT 3	147,546
TOTAL PAD DISTRICTS 1-4	252,101
TOTAL U.S.	337,356

Week Ended March 9, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

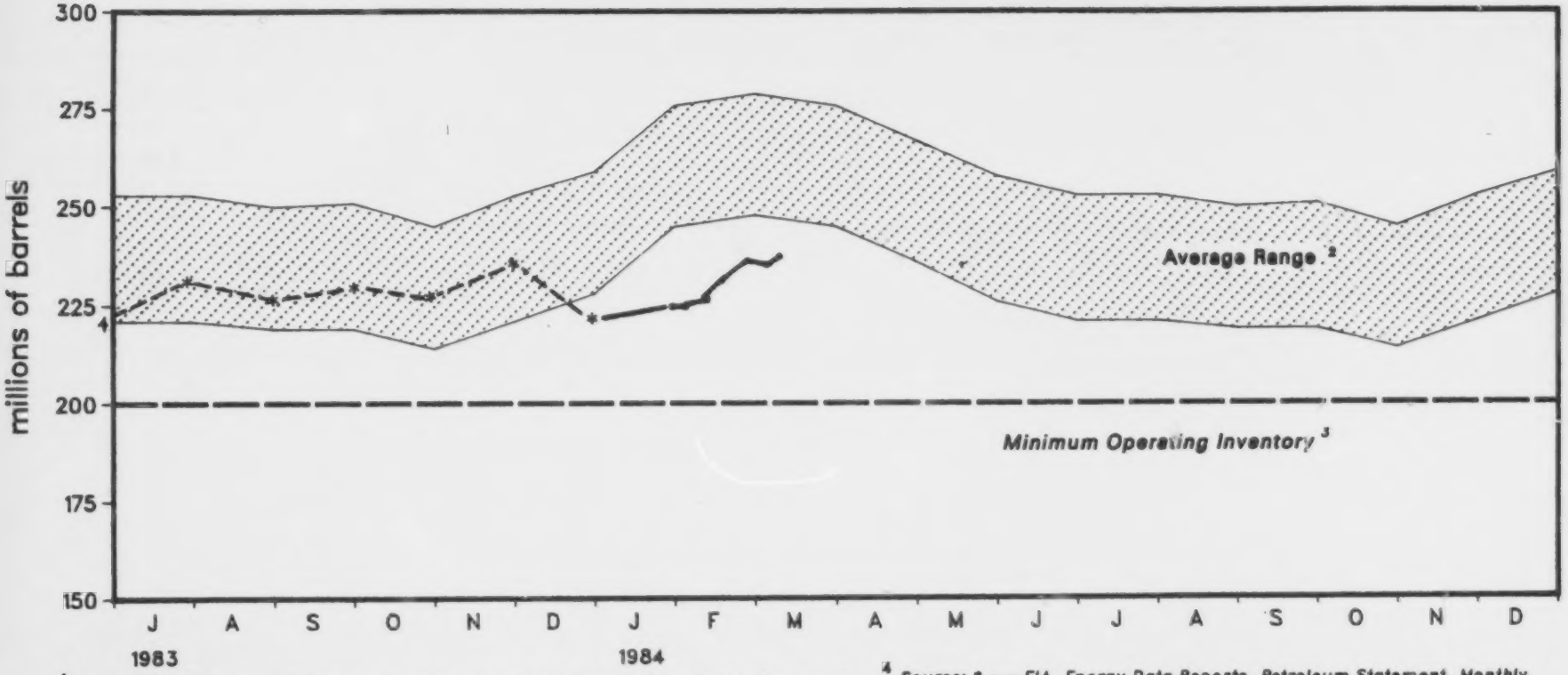
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 - June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 - December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** -- API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

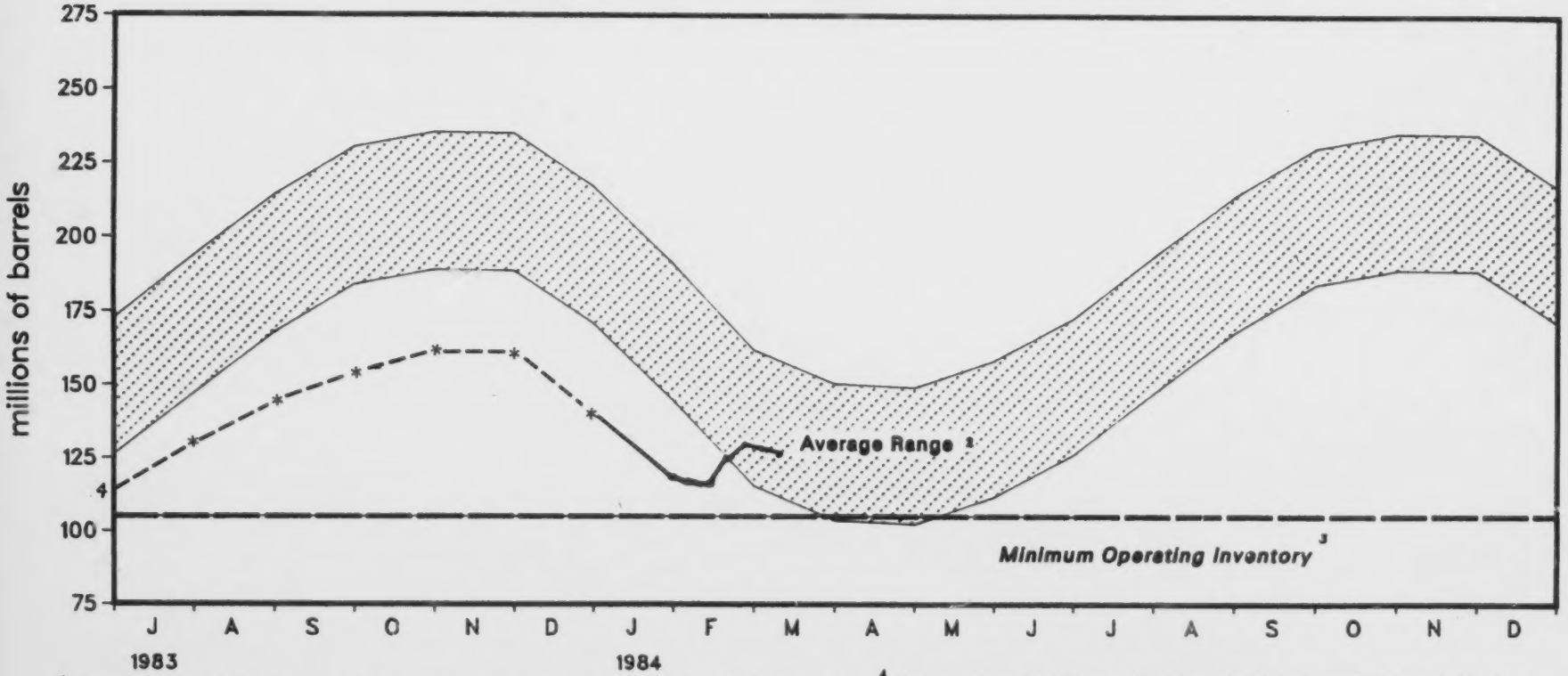
[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

[4] Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
• -- API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Week Ended March 9, 1984

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• –– API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*